

Custom Anodise Plant

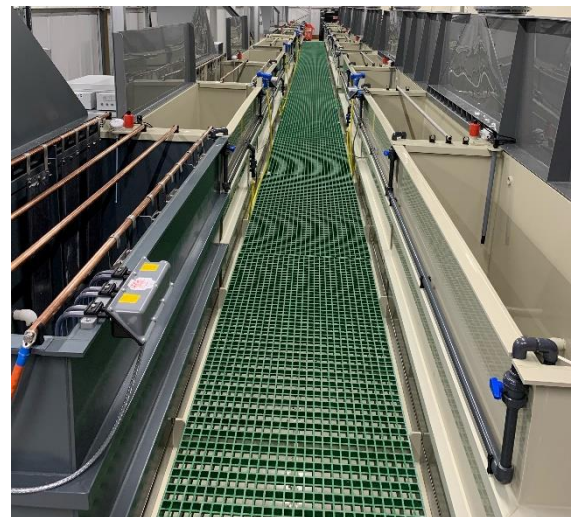
We manufacture tanks in plastic and metal, this is dictated by the chemistry, size of the tank, or customers preference. We include all ancillary equipment required to successfully anodise Aluminum. Equipment can be small and simple, up to very large and fully automated, all equipment is bespoke to suit the customers' requirements.



This line was fully automated, with the transporter moving the jigs along the line and into each tank to avoid the need for an operator to manually process. We included all equipment such as heating, thermostats, eductor agitation, rectifier, chiller, transporter, control panel with auto plc, fume extraction and waste water treatment plant. This line is protected with a light beam along the operator side and in the

load/unload area, if this light beam is interrupted by an operator it will stop the transporter from moving to keep the operator safe. If a light beam is not supplied then traditional metal guarding is used instead.

This line had tanks manufacture in polypropylene and PVC, they were sat inside a polypropylene bund tray with GRP anti slip walkway down the centre. This line is manually operated and includes all equipment including heating, thermostats, eductor agitation, rectifier, chiller, splash guards at the rear of the tanks, control panel and fume extraction. These extraction hood were at the rear of the tanks



We place pumps and pipework and electrics at the rear of the line to keep the front walk way clear for the operators, but this allows access for maintenance. All equipment is inside the bund tray in case of leaks.

This line is fully automated with transporter, and all ancillary equipment required. This has traditional metal guarding along the operate side for safety, this is instead of a light beam.



The transporter will move along the plant into each tank. The extraction hoods run along the length of the tank rather than at the rear.

This line is manual with a pull along simple hoist. The tanks are sat in a bund tray, pipework is at the front for access but hidden underneath flanges so they are not obstructing the operation of the line. The fume extraction manifold is at low level due to this ceiling being very low, therefore we designed it so suit the customers needs and restrictions. Other equipment includes heating, thermostats, eductor agitation, rectifier, chiller and control panel.



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